

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"10762572"	USPAT; EPO; JPO	OR	OFF	2007/01/18 17:23
L2	0	"10/762572"	USPAT; EPO; JPO	OR	OFF	2007/01/18 17:23
L3	0	10/762572	USPAT; EPO; JPO	OR	OFF	2007/01/18 17:23
L4	1	10/762572	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/18 17:29
L5	0	("10762572").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/18 17:30
L6	1	("5192987").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/18 18:04
L7	1658	(257/192,85).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/18 18:04
L8	4	257/e29.033	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2007/01/18 18:04
S1	88	257/192.ccls. and delta	USPAT; EPO; JPO	OR	OFF	2007/01/18 17:23
S2	1	("5382814").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/21 11:20
S3	10	("4471366"   "5192987"   "5237182"   "5296395"   "5319223"   "5739557"   "5831277"   "5929466"   "5933705"   "6316820").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/21 11:26
S4	10	("4268842"   "4614961"   "4616248"   "4759024"   "4855249"   "4903088"   "5076860"   "5147817"   "5201051"   "Re33671").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/21 11:28
S5	55	257/192.ccls. and delta adj (doped or doping)	USPAT; EPO; JPO	OR	OFF	2005/01/21 12:07
S6	1	"01067305".pn.	USPAT; EPO; JPO	OR	OFF	2005/01/21 11:35
S7	1	"04060793".pn.	USPAT; EPO; JPO	OR	OFF	2005/01/21 11:35
S8	0	"00460793".pn.	USPAT; EPO; JPO	OR	OFF	2005/01/21 11:36

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S9	3	("5326995"   "5373168"   "5404032").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/21 11:59
S10	2	257/85.ccls. and delta adj (doped or doping)	USPAT; EPO; JPO	OR	OFF	2005/01/21 12:09
S11	5	438/285.ccls. and delta adj (doped or doping)	USPAT; EPO; JPO	OR	OFF	2005/01/21 12:10
S12	2	438/590.ccls. and delta adj (doped or doping)	USPAT; EPO; JPO	OR	OFF	2005/01/21 12:10
S13	7	(gallium adj nitride) and delta adj (doped or doping)	USPAT; EPO; JPO	OR	OFF	2005/01/21 12:23
S14	28	(gan) and delta adj (doped or doping)	USPAT; EPO; JPO	OR	OFF	2005/01/21 16:12
S15	1	("6479843").PN.	USPAT; EPO; JPO	OR	OFF	2005/01/21 16:14
S16	1	("6465815").PN.	USPAT; EPO; JPO	OR	OFF	2005/01/21 16:16
S17	1	("5895929").PN.	USPAT; EPO; JPO	OR	OFF	2005/01/21 16:19
S18	1	("5192987").PN.	USPAT; EPO; JPO	OR	OFF	2005/01/21 16:20
S19	1	("5751029").PN.	USPAT; EPO; JPO	OR	OFF	2005/01/21 16:24
S20	1	("6479843").PN.	USPAT; EPO; JPO	OR	OFF	2005/01/21 16:26
S21	20	((gallium adj nitride) or gan) with delta	USPAT; EPO; JPO	OR	OFF	2005/01/21 16:27
S22	4	("4614961"   "4616248"   "4759024"   "4903088").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/21 16:36
S23	0	"61018184" .pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/21 16:36
S24	0	"61018184".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/22 08:34
S25	229	(gallium adj nitride) and delta	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/22 08:43
S26	1	("6690035").PN.	USPAT; EPO; JPO	OR	OFF	2005/01/22 08:43
S27	3	("3739243"   "4882609"   "6388272").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/22 08:54

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S28	0	"54132173".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/22 11:44
S29	1	"20040211976".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/28 16:13
S30	1	("5192987").PN.	USPAT; EPO; JPO	OR	OFF	2005/01/22 13:00
S31	0	(electronic adj circuit) with hfet	USPAT; EPO; JPO	OR	OFF	2005/01/22 13:00
S32	3	(electronic adj circuit) with high adj electron adj mobility	USPAT; EPO; JPO	OR	OFF	2005/01/22 13:16
S33	5	257/192.ccls. and c adj (plane or face)	USPAT; EPO; JPO	OR	OFF	2005/01/22 13:20
S34	146	semiconductor and transistor and c adj (plane or face)	USPAT; EPO; JPO	OR	OFF	2005/01/22 14:15
S35	1	"05343741".pn.	USPAT; EPO; JPO	OR	OFF	2005/01/22 13:54
S36	3	("5945352"   "6304587"   "6391784").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/22 13:57
S37	228	(gallium adj nitride) and c adj (plane or face)	USPAT; EPO; JPO	OR	OFF	2005/01/22 14:16
S38	40	(gallium adj nitride) with c adj (plane or face)	USPAT; EPO; JPO	OR	OFF	2005/01/22 14:29
S39	20	(gallium adj nitride) and (c adj (plane or face)) with semiconductor adj layer	USPAT; EPO; JPO	OR	OFF	2005/01/22 14:29
S40	1	("6690035").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/28 16:27
S41	1	("6064082").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/28 16:35
S42	1	"20030178633".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/07/28 16:42
S43	0	(gallium adj nitride) and delta.ccls. and "438"/\$.ccls. and "257"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/07/28 16:44
S44	45	(gallium adj nitride) and delta and "438"/\$.ccls. and "257"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/07/28 16:57
S45	20	(gallium adj nitride) and delta adj doped and ("438"/\$.ccls. or "257"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/07/28 17:54

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S46	8	(gallium adj nitride) and delta adj doped and ("438"/\$.ccls. or "257"/\$.ccls.) and aln	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/07/28 17:55
S47	41	(gallium adj nitride) and ((electron adj supply) or (delta adj doped)) and ("438"/\$.ccls. or "257"/\$.ccls.) and aln	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/07/28 18:03
S48	1	("6639255").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/28 18:03
S49	8	("20020066908"   "5374835"   "5399886"   "6064082"   "6184547"   "6274889"   "6316793"   "6483135").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/07/28 18:40
S50	1	("6639255").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/28 19:21
S51	1439	(257/192,85).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/28 19:21
S52	221	257/192,85.ccls. and (delta or electron adj supply)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/07/28 19:27
S53	1	("5192987").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/07/28 19:40
S54	0	257/85.ccls. and c adj facet	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/07/28 19:41
S55	9	heterojunction and c adj facet	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/07/28 19:41
S56	1372	(257/192,85or438/285,590).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 14:45
S57	1577	(257/192,85).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 14:45
S58	0	(257/192,85.ccls. and((galliumadjnitride)organ)anddelta).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 14:45
S59	0	257/192,85.ccls. and ((galliumadjnitride)organ) and delta	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/06/05 14:46
S60	40	257/192,85.ccls. and ((gallium adj nitride) or gan) and delta	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/06/05 15:23

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S61	1	("6992319").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 14:50
S62	6	("5254863"   "5266506"   "5493136"   "5767539"   "6121641"   "6414340").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/05 14:51
S63	8	438/285,590.ccls. and ((gallium adj nitride) or gan) and delta	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/06/05 15:27
S64	341	(438/285,590).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 15:51
S65	1	("6015981").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 16:09
S66	1	("6583454").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 16:11
S67	1	("6521961").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 16:16
S68	102	257/192,85.ccls. and (gan or gallium adj nitride) and ((silicon or si) with dop\$) and channel	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/06/05 18:00
S69	1	("7030428").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 16:40

## EAST Search History

S70	73	("20010015446"   "20010020700"   "20010023964"   "20010040246"   "20020008241"   "20020017696"   "20020020341"   "20020066908"   "20020079508"   "20020119610"   "20020167023"   "20030017683"   "20030020092"   "20030102482"   "20030123829"   "20030145784"   "20030157776"   "20030213975"   "20040004223"   "20040021152"   "20040029330"   "20040241970"   "4424525"   "4471366"   "4727403"   "4755867"   "4788156"   "4946547"   "5053348"   "5172197"   "5192987"   "5200022"   "5210051"   "5292501"   "5296395"   "5298445"   "5389571"   "5393993"   "5523589"   "5534462"   "5592501"   "5686737"   "5700714"   "5701019"   "5705827"   "5804482"   "5838706"   "5874747"   "5877519"   "5885860"   "5946547"   "5990531"   "6028328"   "6046464"   "6064082"   "6072189"   "6086673"   "6121121"   "6150680"   "6165874"   "6177685"   "6194241"   "6194742"   "6218680"   "6316793"   "6429467"   "6448648"   "6492669"   "6515316"   "6548333"   "6586781"   "6639255"   "RE34861").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/05 16:41
S71	3	("5221367"   "5367182"   "5668387").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/05 16:55
S72	5	("5449928"   "5453631"   "5751029"   "5844260"   "5945693").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/05 17:10
S73	4	("20040238883"   "6228725"   "6455892"   "6784492").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/05 17:21
S74	1	("5786244").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/05 17:36
S75	1	("5652440").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/05 17:39
S76	3	("4030942"   "4642879"   "5447874").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/06/05 17:46

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S77	1	("6995397").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 18:06
S78	1	("5929467").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/06/05 18:43
S79	102	257/e29.033.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/06/05 18:43